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Status of $B \rightarrow h^+h'^-$ decays at LHCb

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The LHCb experiment is designed to perform flavour physics measurements at the Large Hadron Collider. The latest results obtained by the LHCb experiment in studying $H_b \rightarrow h^+h'^-$ decays, where H_b can be either a B^0 meson, a B_s^0 meson or a Λ_b^0 baryon, while h and h' stand for π , K or p , will be presented. Such decays are sensitive probes of the Cabibbo-Kobayashi-Maskawa matrix and have the potential to reveal the presence of New Physics.

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